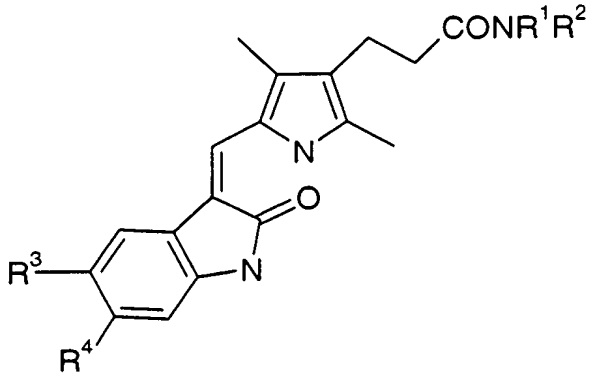
CLAIMS

1. A compound of formula (I)



(I)

wherein:

(i) R^1 represents a hydrogen atom or a (1-4C)alkyl group; and R^2 represents a group of formula $-A^1-NR^5R^6$ in which each of R^5 and R^6 independently represents a hydrogen atom or a (1-4C)alkyl group and A^1 represents $(CH_2)_m$, $(CH_2)_n-A^2-(CH_2)_p$ or $(CH_2CH_2O)_qCH_2CH_2$ in which *m* is an integer of from 2 to 10, each of *n* and *p* is an integer of from 1 to 6, A^2 is CH=CH, phenylene, biphenylene, cyclohexylene or piperazinylene and *q* is 1, 2 or 3;

(ii) R^1 and R^2 together represent $-A^3-NR^7-A^4-$ in which each of A^3 and A^4 independently represents $(CH_2)_r$ or $(CH_2CH_2O)_sCH_2CH_2$ in which *r* is an integer of from 2 to 6, *s* is 1, 2 or 3, and R^7 represents a hydrogen atom or a (1-4C)alkyl group;

(iii) R^1 and R^2 together with the nitrogen atom to which they are attached represent a piperidinyl group, which piperidinyl group bears a substituent of formula $-A^5-R^8$ at the 4 position, in which A^5 represents (1-4C)alkylene and R^8 represents piperidin-4-yl; or

(iv) R^1 and R^2 together with the nitrogen atom to which they are attached represent a pyrrolidinyl, piperidinyl or morpholino group; and

R^3 and R^4 each independently represents a hydrogen atom, a halogen atom, a (1-4C)alkyl group, a (1-4C)alkoxy group, a phenyl group which is unsubstituted or substituted by one or two substituents selected independently from a halogen atom, a (1-4C)alkyl group and a (1-4C)alkoxy group, a group of formula $R^8S(O)_2NR^9-$, a group of formula $R^{10}N(R^{11})S(O)_2-$, a group of formula $R^{12}C(O)N(R^{13})-$ or a group of formula $R^{14}N(R^{15})C(O)-$ in which each of R^8, R^{10}, R^{12} and R^{14} independently represents a

(1-4C)alkyl group or a phenyl group which is unsubstituted or substituted by one or two substituents selected independently from a halogen atom, a (1-4C)alkyl group and a (1-4C)alkoxy group, and each of R^9, R^{11}, R^{13} and R^{15} independently represents a hydrogen atom or a (1-4C)alkyl group;

or a pharmaceutically-acceptable salt thereof.

2. A compound as claimed in Claim 1, wherein:

(i) R^1 represents a hydrogen atom or a (1-4C)alkyl group; and R^2 represents a group of formula $-A^1-NR^5R^6$ in which each of R^5 and R^6 independently represents a hydrogen atom or a (1-4C)alkyl group and A^1 represents $(CH_2)_m$, $(CH_2)_n-A^2-(CH_2)_p$ or $(CH_2CH_2O)_qCH_2CH_2$ in which *m* is an integer of from 2 to 10, each of *n* and *p* is an integer of from 1 to 6, A^2 is CH=CH, phenylene, biphenylene, cyclohexylene or piperazinylene and *q* is 1, 2 or 3;

(ii) R^1 and R^2 together represent $-A^3-NR^7-A^4-$ in which each of A^3 and A^4 independently represents $(CH_2)_r$ or $(CH_2CH_2O)_sCH_2CH_2$ in which *r* is an integer of from 2 to 6, *s* is 1, 2 or 3, and R^7 represents a hydrogen atom or a (1-4C)alkyl group; or

(iii) R^1 and R^2 together with the nitrogen atom to which they are attached represent a piperidinyl group, which piperidinyl group bears a substituent of formula $-A^5-R^8$ at the 4 position, in which A^5 represents (1-4C)alkylene and R^8 represents piperidin-4-yl.

3. A compound as claimed in Claim 2, in which

(i) R^1 represents a methyl group; and R^2 represents a group of formula $-A^1-NR^5R^6$ in which R^5 represents a hydrogen atom, R^6 represents a methyl group and A^1 represents $(CH_2)_m$, in which *m* is 2, 3, 4, 5, 6, 7, 8, 9 or 10; $(CH_2)_n-A^2-(CH_2)_p$ in which *n* and *p* are each 1 and A^2 is CH=CH, phenyl-1,3-ene, phenyl-1,4-ene, biphenyl-2,2'-ene or cyclohex-1,3-ylene; $(CH_2)_n-A^2-(CH_2)_p$ in which *n* and *p* are each 2 and A^2 is piperazin-1,4-ylene; or $(CH_2CH_2O)_qCH_2CH_2$ in which *q* is 2 or 3;

(ii) R^1 and R^2 together represent $-(CH_2)_2-NH-(CH_2)_2-$, $-(CH_2)_2-N(CH_3)-(CH_2)_2-$, $-(CH_2)_2-N(CH_2CH_3)-(CH_2)_2-$, $-(CH_2)_2-NH-(CH_2)_3-$, $-(CH_2CH_2O)_2CH_2CH_2-NH-(CH_2CH_2O)CH_2CH_2-$; or

(iii) R^1 and R^2 together with the nitrogen atom to which they are attached represent a piperidinyl group, which piperidinyl group bears a substituent of formula

-A^5-R^8 at the 4 position, in which A^5 represents propylene and R^8 represents piperidin-4-yl.

4. A compound as claimed in Claim 3, in which A^1 represents $(CH_2)_m$ or CH_2-CH=CH-CH_2, in which *m* is 2, 3 or 4.

5. A compound as claimed in Claim 1, in which R^1 and R^2 together represent -A^3-NR^7-A^4- in which each of A^3 and A^4 independently represents $(CH_2)_r$ or $(CH_2CH_2O)_sCH_2CH_2$ in which *r* is an integer of from 2 to 6, and *s* is 1, 2 or 3, and R^7 represents a hydrogen atom or a (1-4C)alkyl group.

6. A compound as claimed in Claim 5, in which R^1 and R^2 together represent -$(CH_2)_2$-NR^7-$(CH_2)_2$- or -$(CH_2)_2$-NR^7-$(CH_2)_3$-.

7. A compound as claimed in Claim 6, in which R^1 and R^2 together represent -$(CH_2)_2$-NR^7-$(CH_2)_2$-.

8. A compound as claimed in Claim 7, in which R^7 represents hydrogen, methyl, ethyl, propyl, prop-2-yl or butyl.

9. A compound as claimed in Claim 8, in which R^7 represents hydrogen.

10. A compound as claimed in Claim 1, in which R^3 and R^4 each independently represents a hydrogen atom, a bromine atom, $CH_3C(O)NH$, or $C_6H_5C(O)NH$.

11. A compound as claimed in Claim 1, in which R^3 and R^4 each independently represents a hydrogen atom.

12. A compound as claimed in Claim 1 in which

(i) R^1 represents a methyl group and R^2 represent a group of formula $-A^1$-$NHCH_3$ in which A^1 represents $(CH_2)_m$, CH_2CH=$CHCH_2$, CH_2-phenylene-CH_2, or CH_2-cyclohexylene-CH_2, in which *m* is an integer of from 2 to 8; or

(ii) R^1 and R^2 together represent $-(CH_2)_2$-NH-$(CH_2)_2$-, -$(CH_2)_2$-N(CH_3)-$(CH_2)_2$-, -$(CH_2)_2$-N(CH_2CH_3)-$(CH_2)_2$- or $-(CH_2)_2$-NH-$(CH_2)_3$-; and

R^3 and R^4 are each independently hydrogen.

13. A compound as claimed in Claim 12 in which:

(i) R^1 represents a methyl group and R^2 represent a group of formula $-A^1$-$NHCH_3$ in which A^1 represents $(CH_2)_m$, $CH_2CH=CHCH_2$, or CH_2-(1,4-phenylene)-CH_2, in which *m* is 2 or 3; or

(ii) R^1 and R^2 together represent $-(CH_2)_2$-NH-$(CH_2)_2$-, -$(CH_2)_2$-N(CH_3)-$(CH_2)_2$-, -$(CH_2)_2$-N(CH_2CH_3)-$(CH_2)_2$- or $-(CH_2)_2$-NH-$(CH_2)_3$-.

14. A compound as claimed in Claim 1, which is selected from:

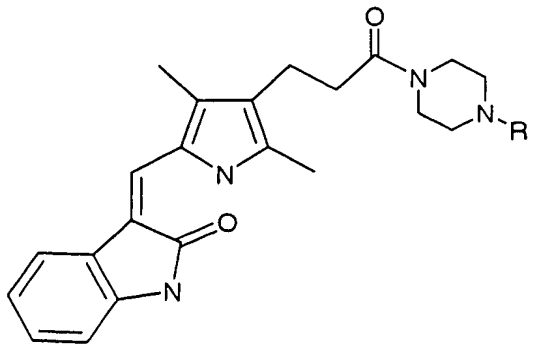
3-[3,5-dimethyl-4-(3-oxo-3-piperazin-1-ylpropyl)-1H-pyrrol-2-ylmethylene]-1,3-dihydroindol-2-one;

3-[3,5-dimethyl-4-[3-oxo-3-(4-ethyl)piperazin-1-ylpropyl]-1H-pyrrol-2-ylmethylene]-1,3-dihydroindol-2-one;

3-[3,5-dimethyl-4-(3-oxo-3-homopiperazin-1-ylpropyl)-1H-pyrrol-2-ylmethylene]-1,3-dihydroindol-2-one;

and pharmaceutically-acceptable salts thereof.

15. A compound of formula (Ia):



(Ia)

wherein R is hydrogen, methyl, or ethyl;

or a pharmaceutically-acceptable salt thereof.

16. A compound as claimed in Claim 15, which is selected from:

3-[3,5-dimethyl-4-(3-oxo-3-piperazin-1-ylpropyl)-1H-pyrrol-2-ylmethylene]-1,3-dihydroindol-2-one;

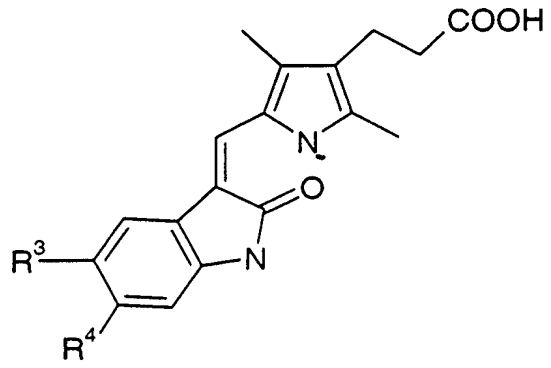
3-[3,5-dimethyl-4-[3-oxo-3-(4-ethyl)piperazin-1-ylpropyl]-1H-pyrrol-2-ylmethylene]-1,3-dihydroindol-2-one;

and pharmaceutically-acceptable salts thereof.

17. A compound as claimed in Claim 16, which is 3-[3,5-dimethyl-4-(3-oxo-3-piperazin-1-ylpropyl)-1H-pyrrol-2-ylmethylene]-1,3-dihydroindol-2-one, or a pharmaceutically-acceptable salt thereof.

18. A process for the preparation of a compound as claimed in Claim 1 which comprises

(a) reacting a compound of formula (II)



(II)

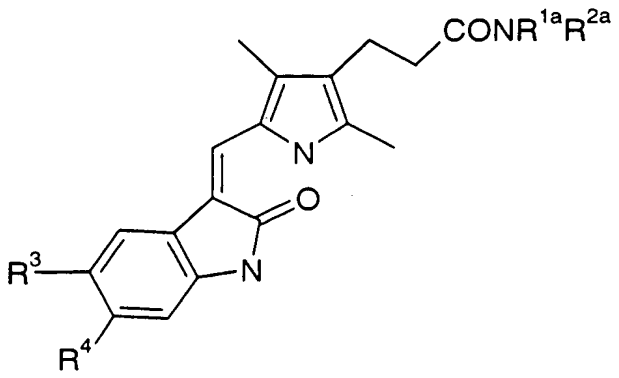
or a reactive derivative thereof, with a compound of formula (III)

HNR^1R^2

(III)

or a salt thereof, in which R^1, R^2, R^3 and R^4 are as defined in Claim 1, or

(b) for a compound of formula (I) in which R^5 or R^7 represents a hydrogen atom, deprotecting a compound of formula (IV)



(IV)

in which R^{1a} and R^{2a} are as defined in Claim 1 for R^1 and R^2, except in that R^5 or R^7 is replaced with a group R^{5a} or R^{7a} respectively, in which R^{5a} and R^{7a} each represents an amine protecting group, and R^3 and R^4 are as defined Claim 1;

followed, if a pharmaceutically-acceptable salt is required, by forming a pharmaceutically-acceptable salt.

19. A pharmaceutical composition, which comprises a therapeutically-effective amount of a compound as claimed in Claim 1, together with a pharmaceutically-acceptable diluent or carrier.

20. A pharmaceutical composition, which comprises a therapeutically-effective amount of a compound as claimed in Claim 16, together with a pharmaceutically-acceptable diluent or carrier.

21. A method of treating a condition responsive to a tyrosine kinase inhibitor, which comprises administering to a patient in need of treatment a therapeutically-effective amount of a compound as claimed in Claim 1.

22. A method of treating a condition responsive to a tyrosine kinase inhibitor, which comprises administering to a patient in need of treatment a therapeutically-effective amount of a compound as claimed in Claim 16.